

## ABSTRACT OF THE DISCLOSURE

A method of using hop acids as an antimicrobial agent for a food processing facility is described including delivering the hop acids in a biodegradable detergent for use in sanitizing a refrigerated food processing facility. The hop acids are mixed with the  
5 biodegradable detergent in an amount to inhibit certain types of microbial organisms. This method is particularly effective in combating *Staphylococcus aureus* and *Listeria monocytogenes*, two prevalent food pathogens.